Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032919\
Data File : BN005031.D
Acq On : 29 Mar 2019 13:30
Operator : JU/SJ
Sample : K1825-05DL 25X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PT-BN-WPDL

Quant Time: Mar 30 00:18:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 03:42:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	3069	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	11772	0.40	ng	0.00
13) Acenaphthene-d10	14.30	164	7145	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	16852	0.40	ng	0.01
27) Chrysene-d12	21.26	240	21509	0.40	ng	0.00
34) Perylene-d12	23.49	264	19477	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.24	112	42367	5.53	ng	0.00
5) Phenol-d6	6.83	99	53798	5.93	ng	-0.02
8) Nitrobenzene-d5	8.82	82	29671	4.35	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	2	0.00	ng	0.00
14) 2,4,6-Tribromophenol	15.80	330	23899	5.96	ng	-0.01
15) 2-Fluorobiphenyl	12.92	172	112566	4.17	ng	0.00
25) Fluoranthene-d10	19.09	212	16	0.00	ng	0.00
29) Terphenyl-d14	19.69	244	188160	4.26	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.51	42	5844	2.902	ng	# 92
9) Naphthalene	10.49	128	103566	3.500	ng	98
16) Acenaphthylene	14.02	152	118314	3.508	ng	99
17) Acenaphthene	14.37	154	13398	0.626	ng	99
20) 4-Bromophenyl-phenylether	16.25	248	24271	2.515	ng	92
26) Fluoranthene	19.12	202	373931	6.472	ng	100
30) Benzo(a)anthracene	21.24	228	373002	6.150	ng	99
31) Chrysene	21.29	228	346473	5.299	ng	98
32) Bis(2-ethylhexyl)phthalate	21.15	149	185108	7.288	ng	99
37) Benzo(a)pyrene	23.39	252	131013	2.360	ng	95
39) Benzo(g,h,i)perylene	26.42	276	288245	5.152	ng	98

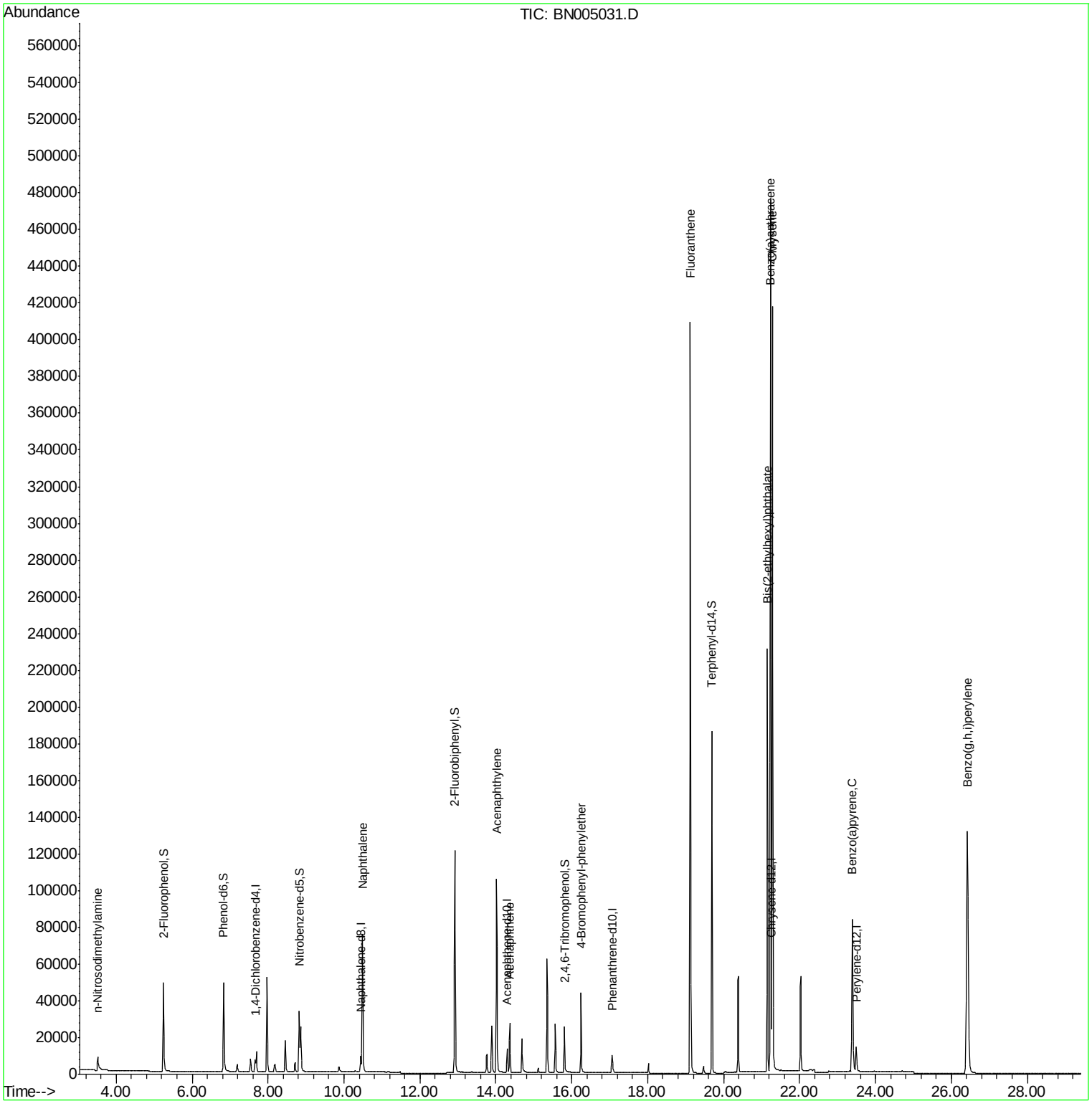
(#) = qualifier out of range (m) = manual integration (+) = signals summed

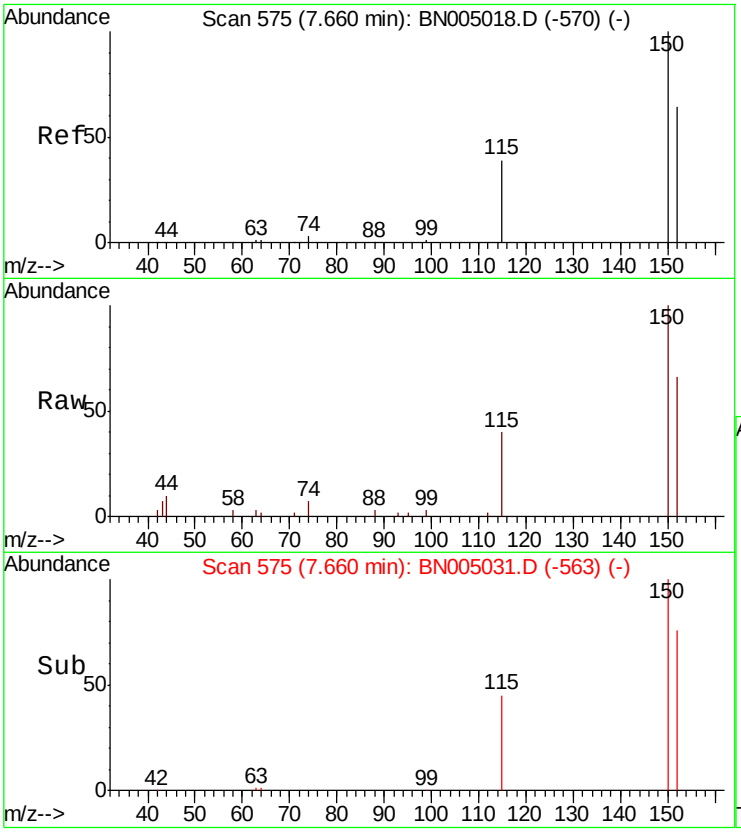
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032919\
Data File : BN005031.D
Acq On : 29 Mar 2019 13:30
Operator : JU/SJ
Sample : K1825-05DL 25X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Quant Time: Mar 30 00:18:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 03:42:17 2019
Response via : Initial Calibration



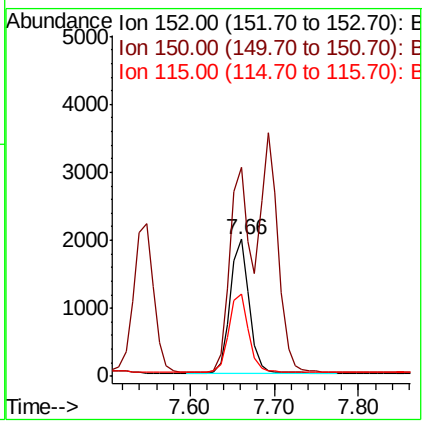


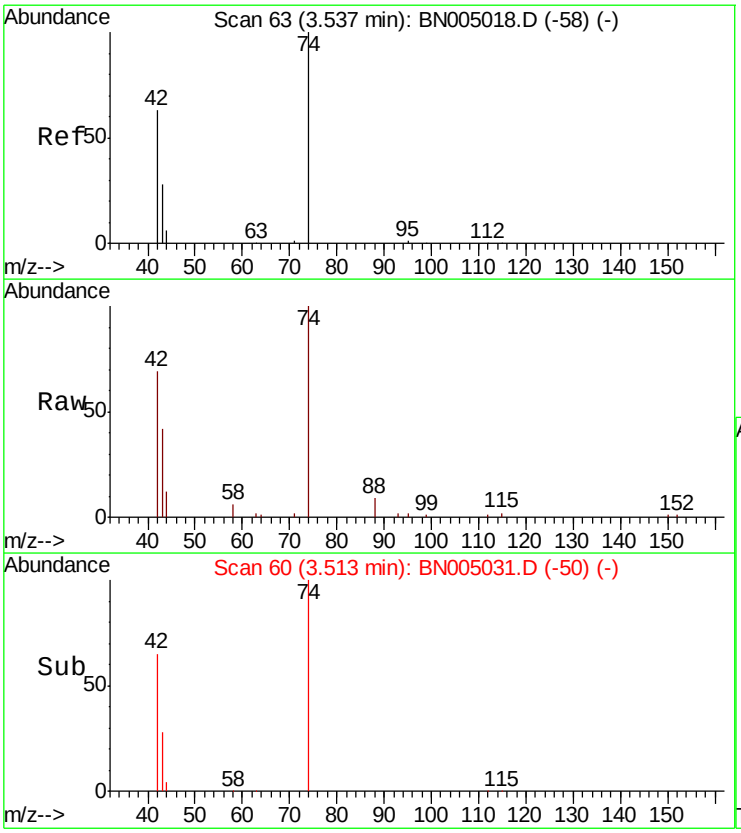
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. 0.00 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:152 Resp: 3069

Ion	Ratio	Lower	Upper
152	100		
150	152.6	123.4	185.2
115	60.5	50.0	75.0

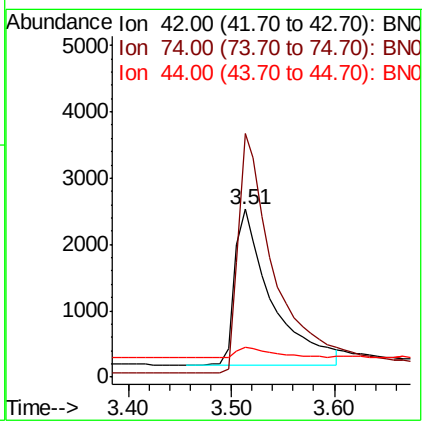


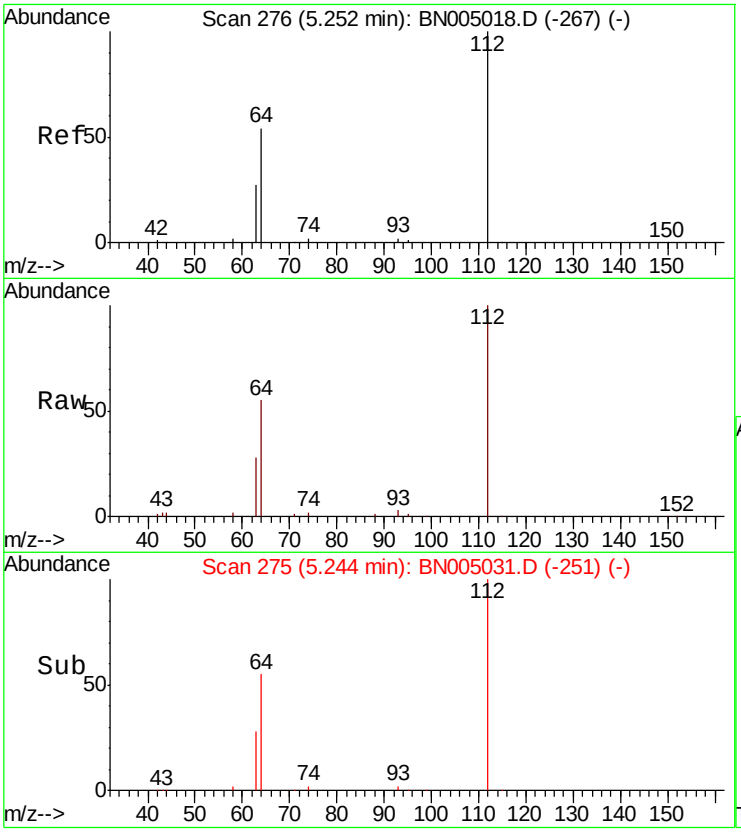


#3
n-Nitrosodimethylamine
Concen: 2.902 ng
RT: 3.51 min Scan# 60
Delta R.T. -0.02 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Tgt Ion: 42 Resp: 5844

Ion	Ratio	Lower	Upper
42	100		
74	152.6	129.1	193.7
44	6.7	11.6	17.4#



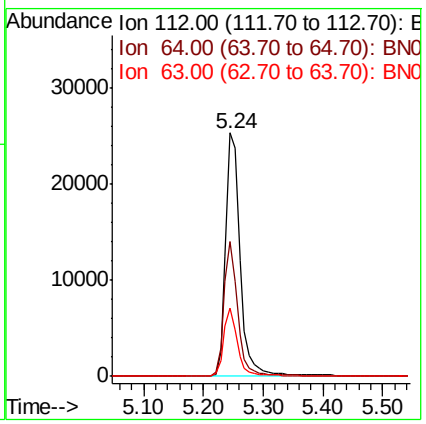


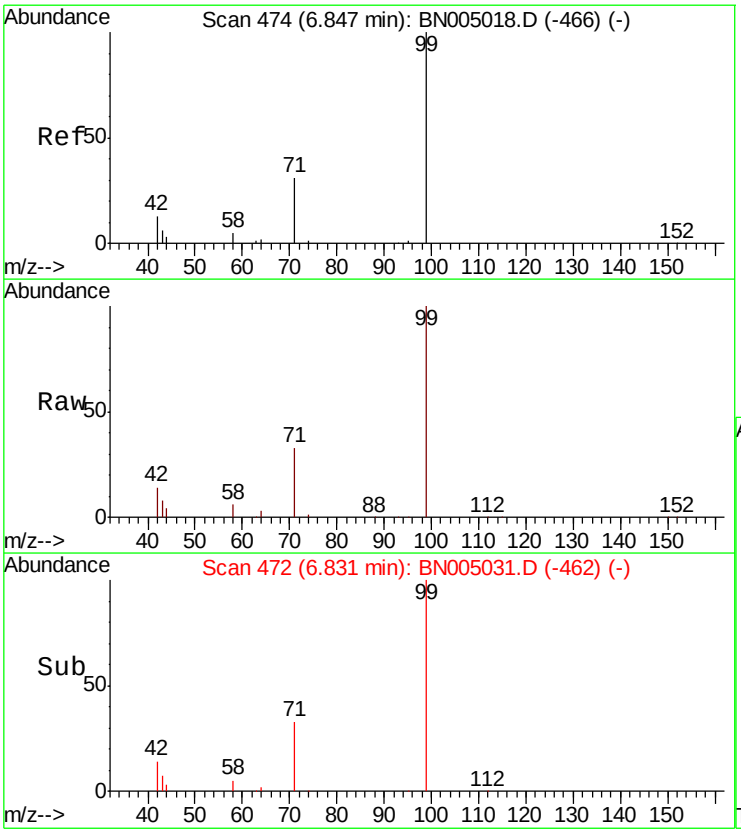
#4
2-Fluorophenol
Concen: 5.530 ng
RT: 5.24 min Scan# 275
Delta R.T. -0.01 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:112 Resp: 42367

Ion	Ratio	Lower	Upper
112	100		
64	52.4	41.9	62.9
63	26.4	21.5	32.3

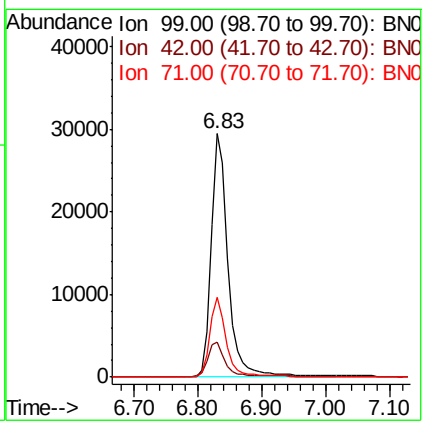


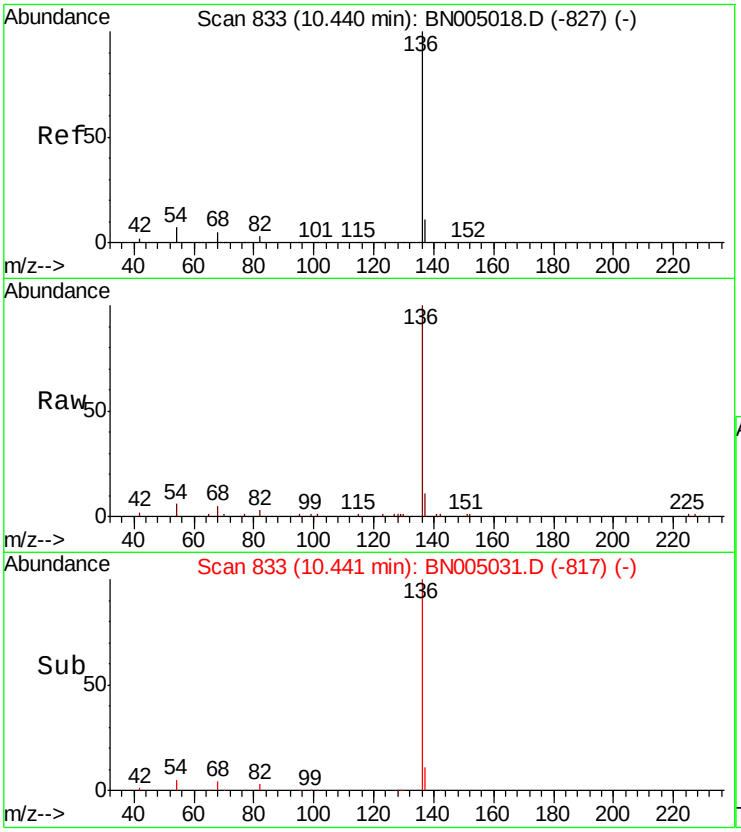


#5
Phenol-d6
Concen: 5.929 ng
RT: 6.83 min Scan# 472
Delta R.T. -0.02 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Tgt Ion: 99 Resp: 53798

Ion	Ratio	Lower	Upper
99	100		
42	14.4	12.2	18.2
71	31.9	26.1	39.1



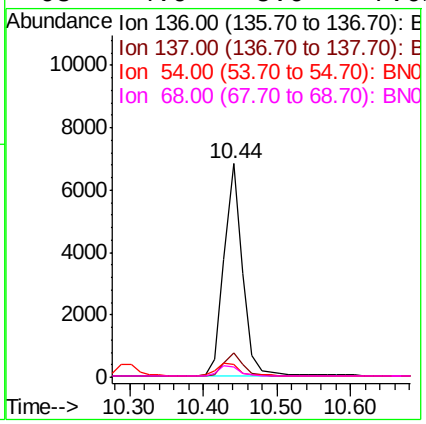


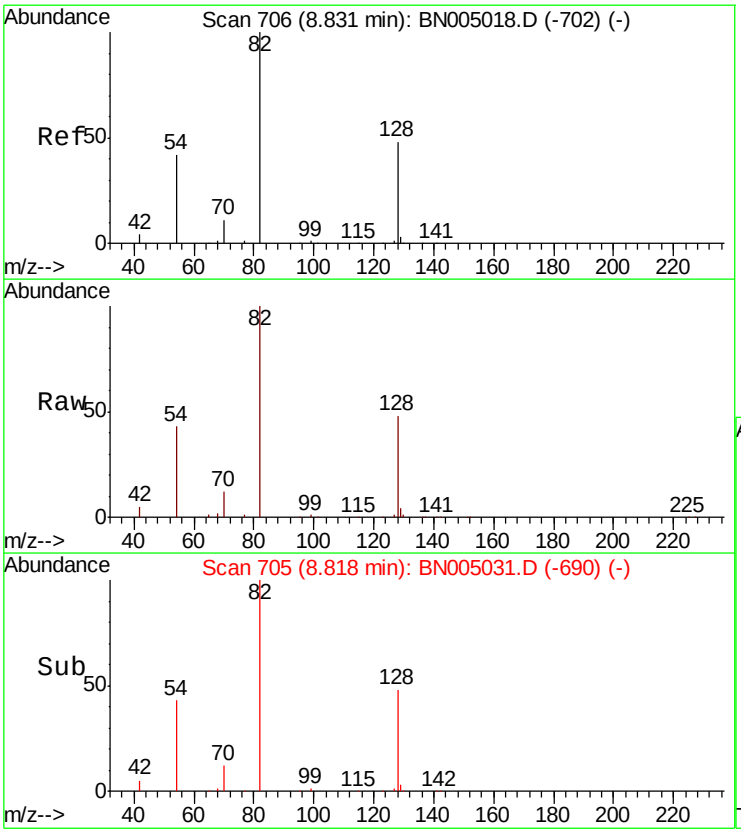
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 833
Delta R.T. 0.00 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:136 Resp: 11772

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	5.8	6.0	9.0#
68	4.9	5.0	7.6#

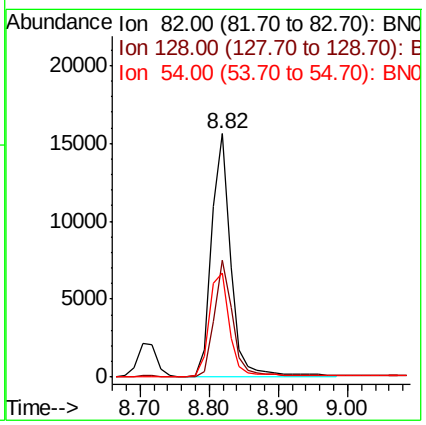


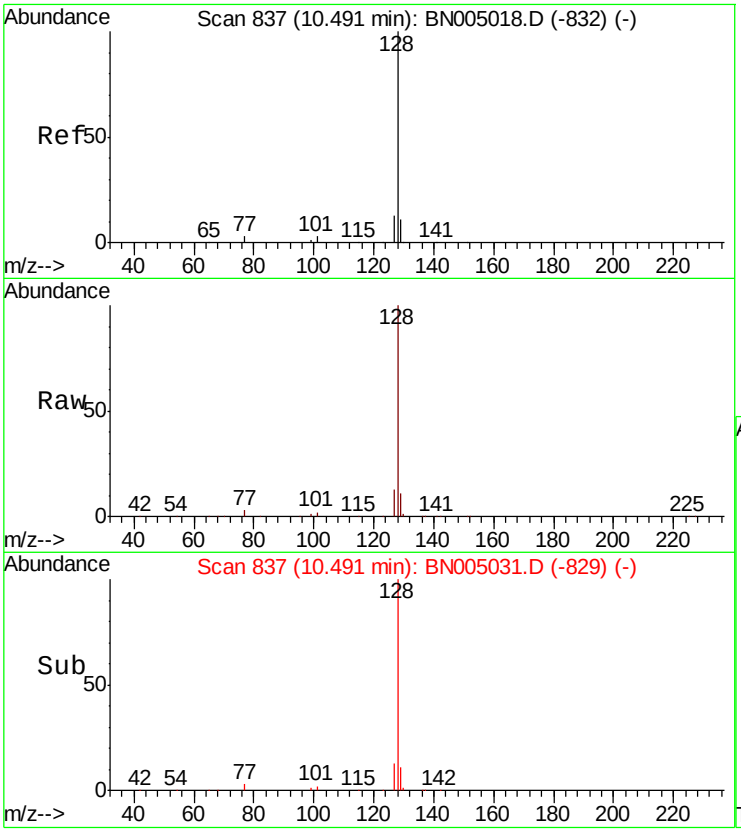


#8
Nitrobenzene-d5
Concen: 4.349 ng
RT: 8.82 min Scan# 705
Delta R.T. -0.01 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Tgt Ion: 82 Resp: 29671

Ion	Ratio	Lower	Upper
82	100		
128	48.0	40.5	60.7
54	42.8	35.7	53.5



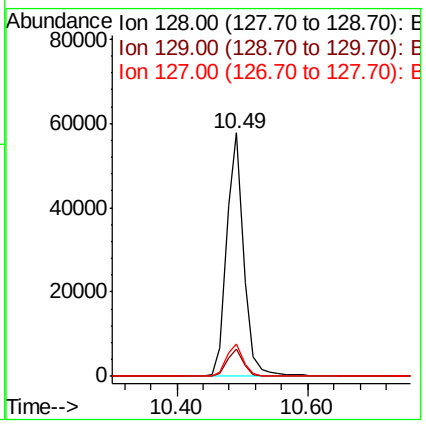


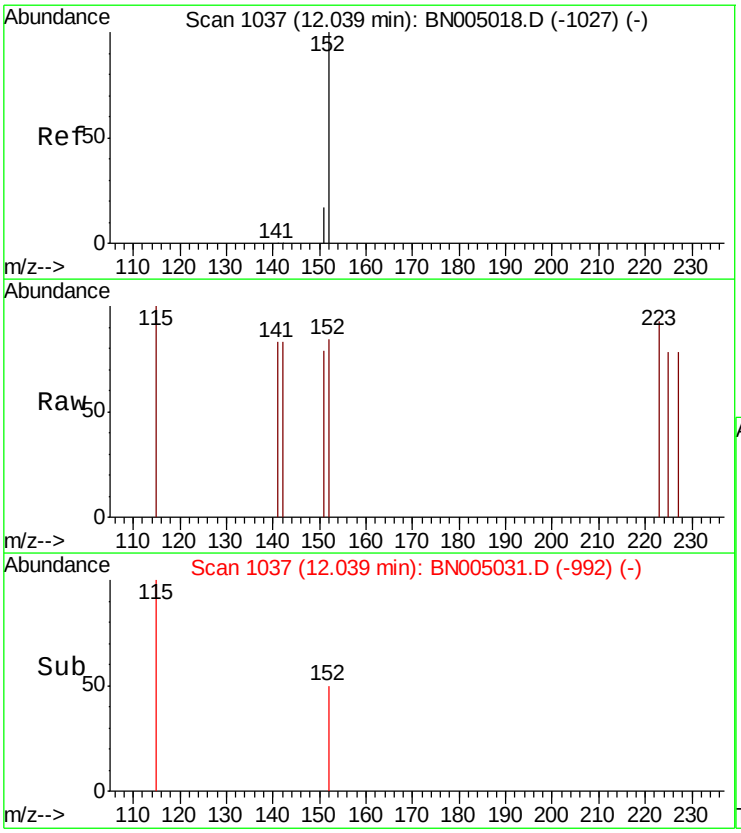
#9
Naphthalene
Concen: 3.500 ng
RT: 10.49 min Scan# 837
Delta R.T. 0.00 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:128 Resp: 103566

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.2
127	13.1	11.0	16.6

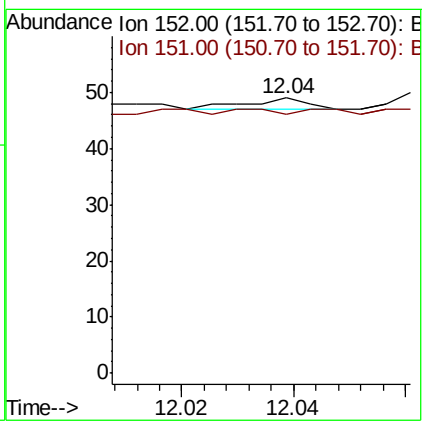


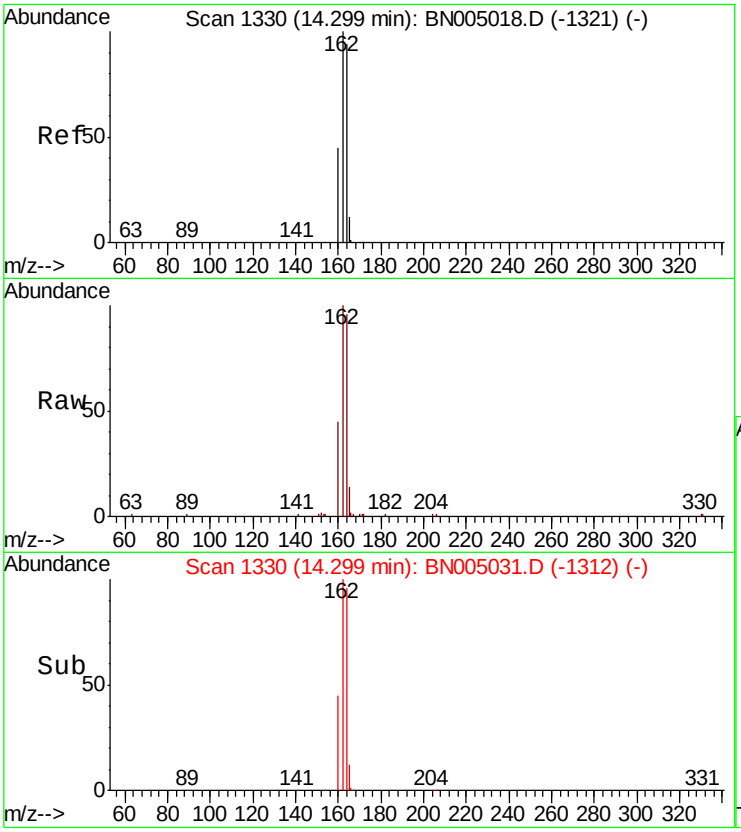


#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.04 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Tgt Ion:152 Resp: 2

Ion	Ratio	Lower	Upper
152	100		
151	50.0	15.3	22.9#



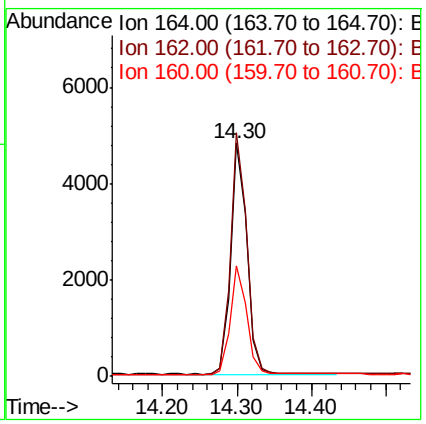


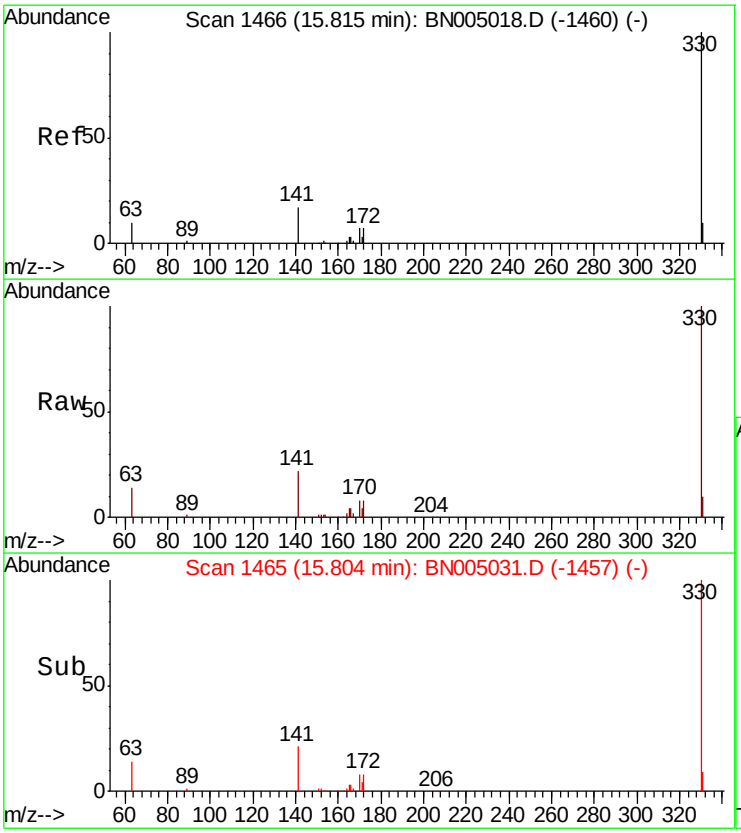
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:164 Resp: 7145

Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.3	127.9
160	47.3	39.2	58.8

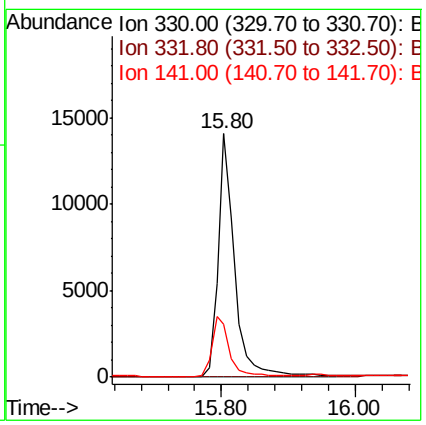


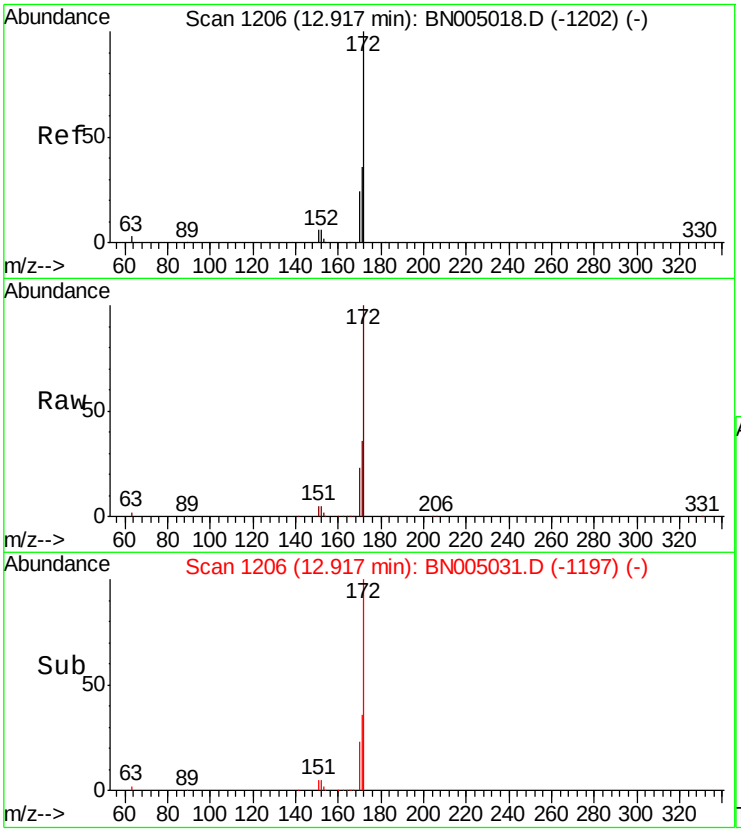


#14
2,4,6-Tribromophenol
Concen: 5.963 ng
RT: 15.80 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Tgt Ion:330 Resp: 23899

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	26.5	21.3	31.9



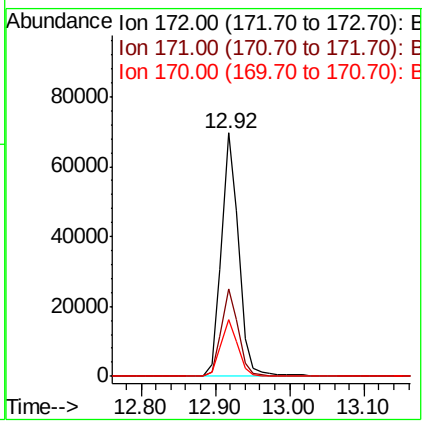


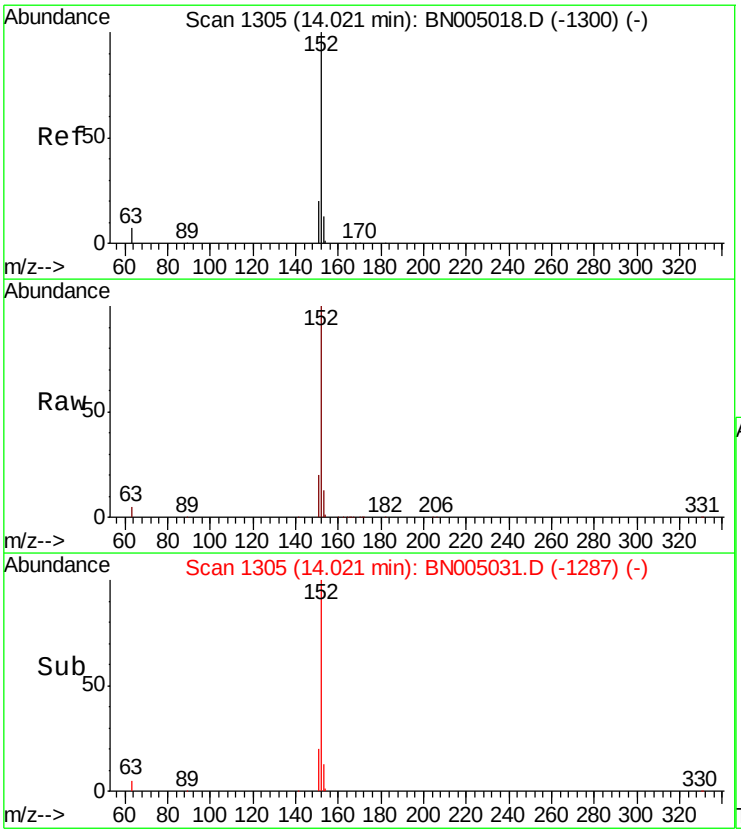
#15
2-Fluorobiphenyl
Concen: 4.173 ng
RT: 12.92 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:172 Resp: 112566

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	23.4	20.0	30.0

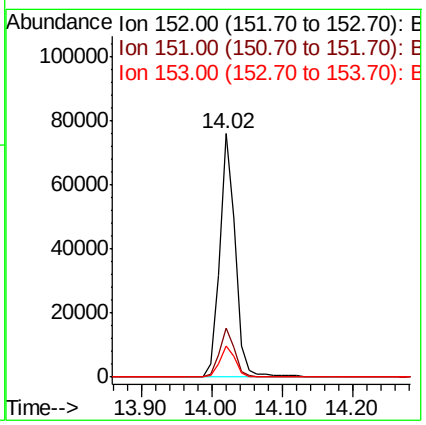


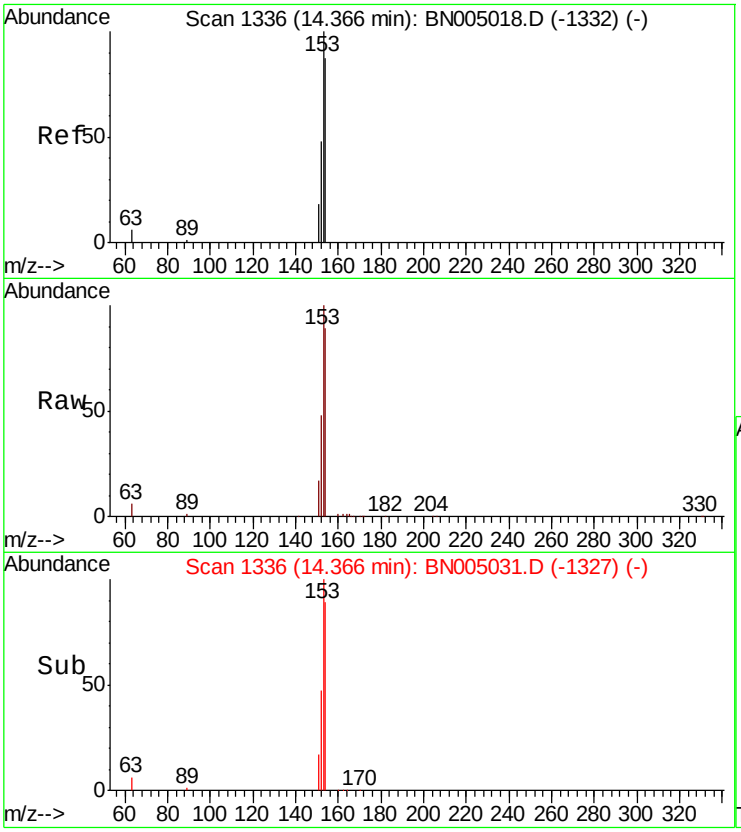


#16
Acenaphthylene
Concen: 3.508 ng
RT: 14.02 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Tgt Ion:152 Resp: 118314

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.6
153	13.1	10.6	15.8



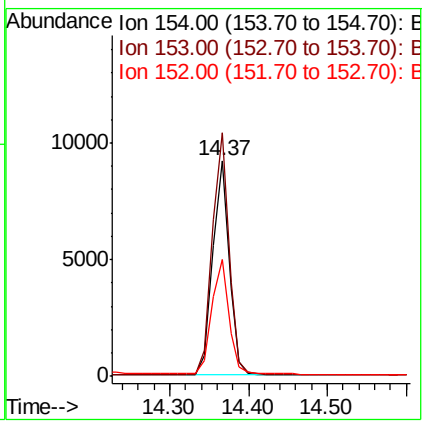


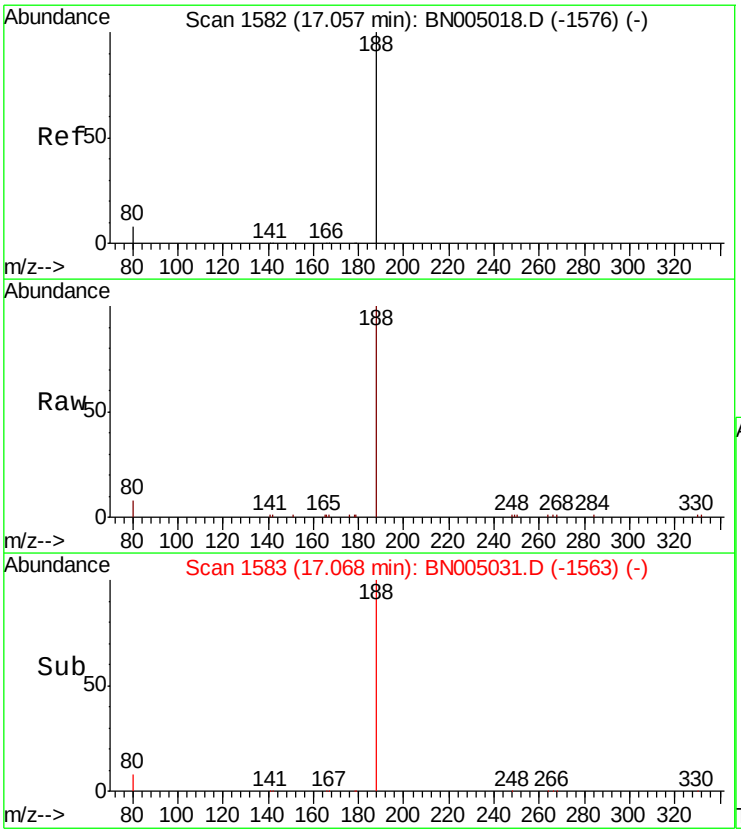
#17
Acenaphthene
Concen: 0.626 ng
RT: 14.37 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:154 Resp: 13398

Ion	Ratio	Lower	Upper
154	100		
153	114.4	92.1	138.1
152	55.6	44.2	66.2

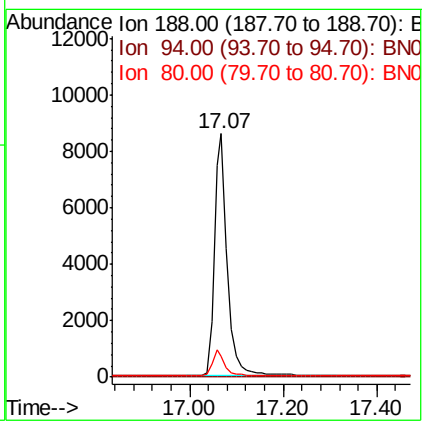


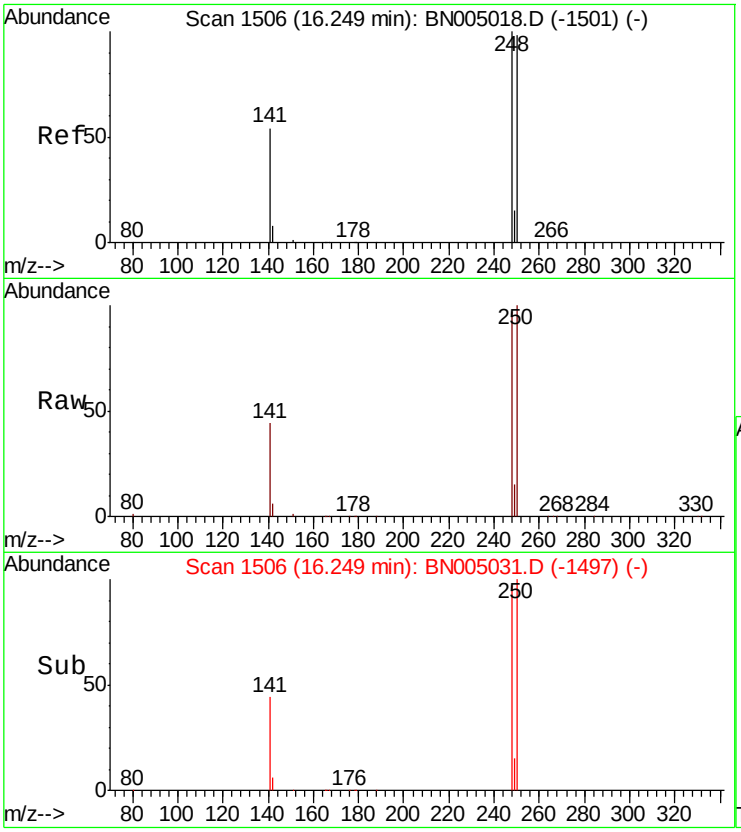


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1583
Delta R.T. 0.01 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Tgt Ion:188 Resp: 16852

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	6.9	10.3



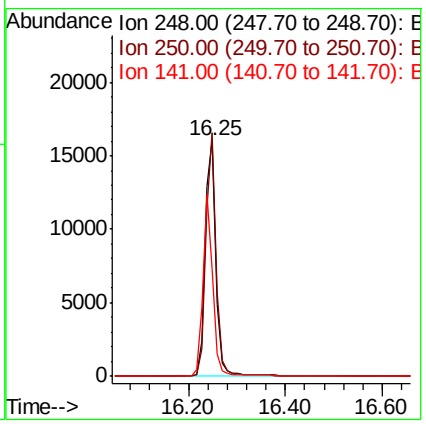


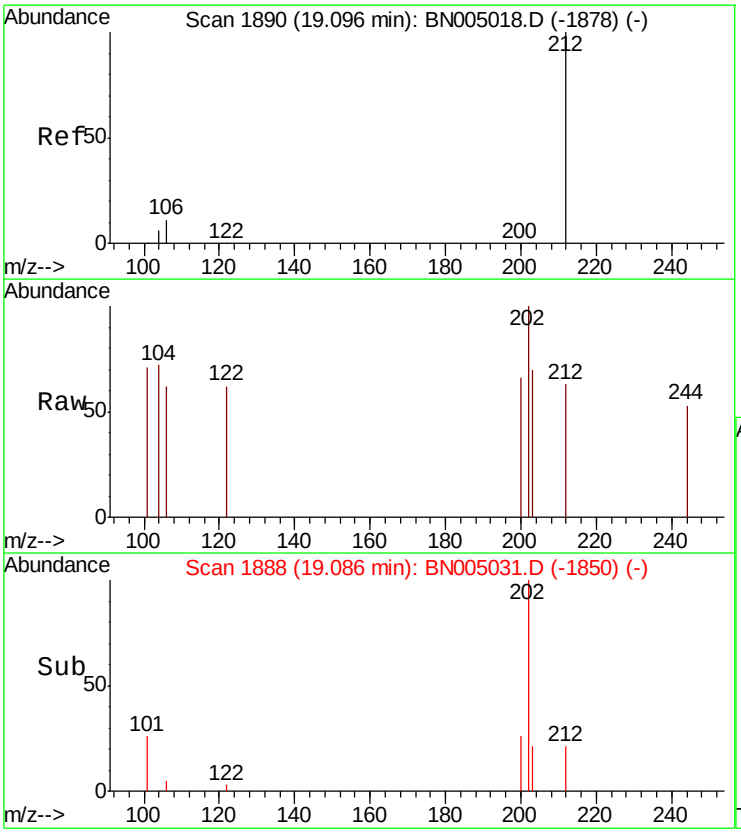
#20
4-Bromophenyl-phenylether
Concen: 2.515 ng
RT: 16.25 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:248 Resp: 24271

Ion	Ratio	Lower	Upper
248	100		
250	103.4	78.6	117.8
141	45.8	43.6	65.4

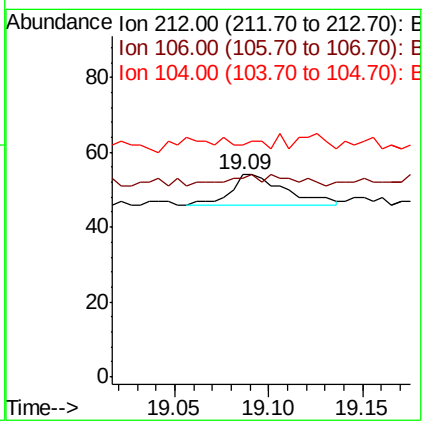


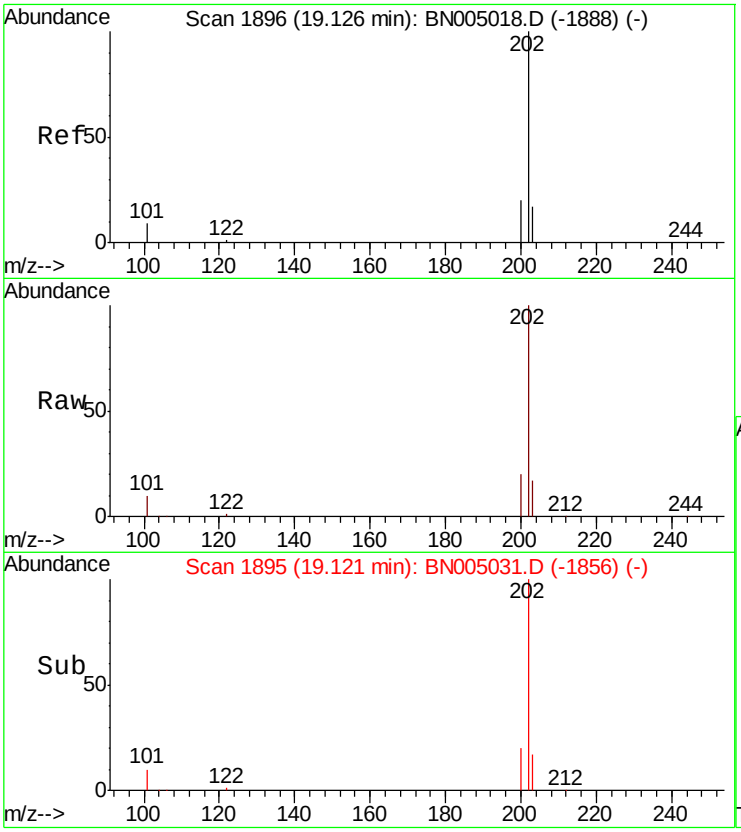


#25
Fluoranthene-d10
Concen: 0.000 ng
RT: 19.09 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Tgt Ion:212 Resp: 16

Ion	Ratio	Lower	Upper
212	100		
106	6.3	9.4	14.2#
104	6.3	5.4	8.0



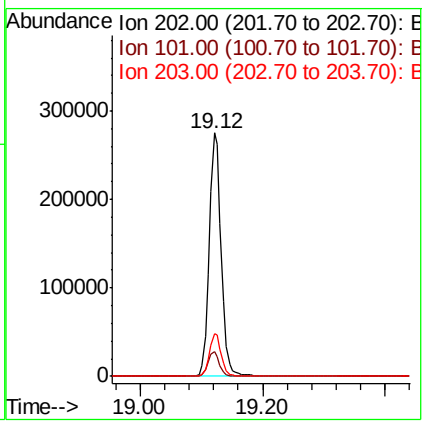


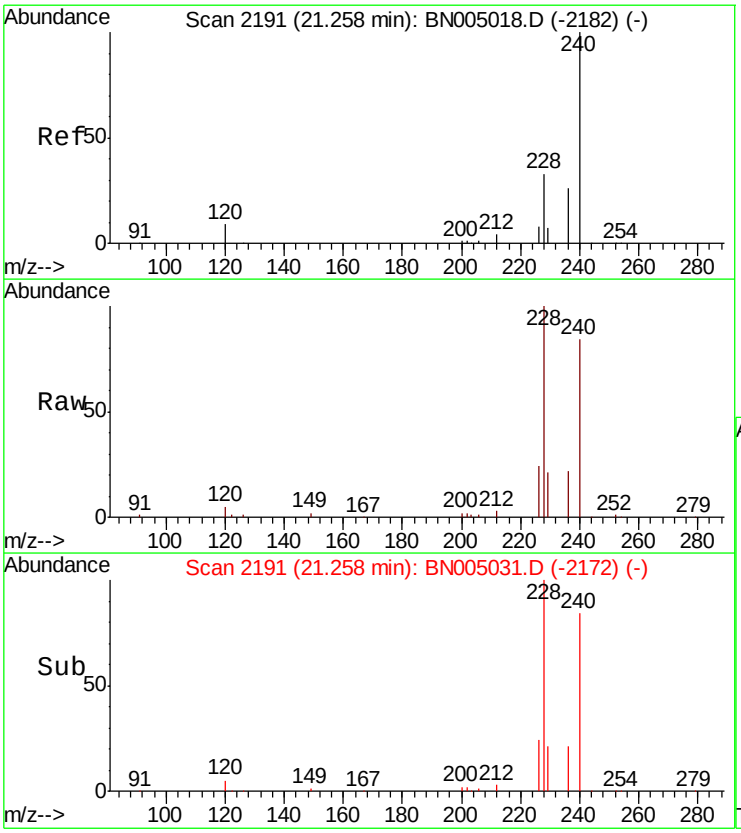
#26
Fluoranthene
Concen: 6.472 ng
RT: 19.12 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:202 Resp: 373931

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.2	12.2
203	17.4	13.8	20.8

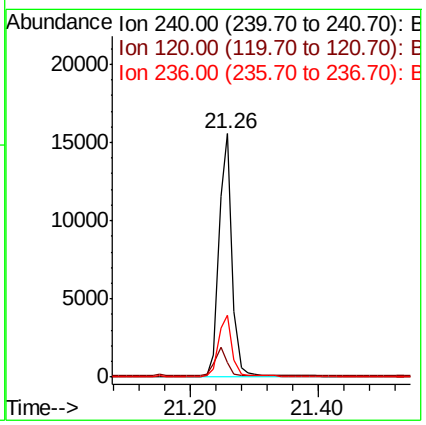


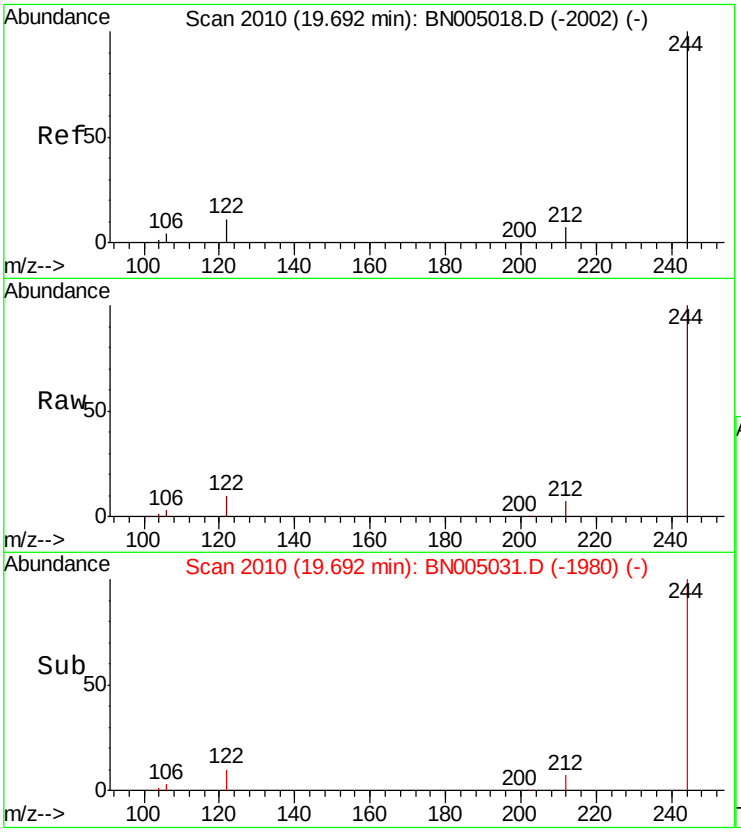


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. 0.00 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Tgt Ion:240 Resp: 21509

Ion	Ratio	Lower	Upper
240	100		
120	6.0	7.4	11.0#
236	25.5	21.0	31.6



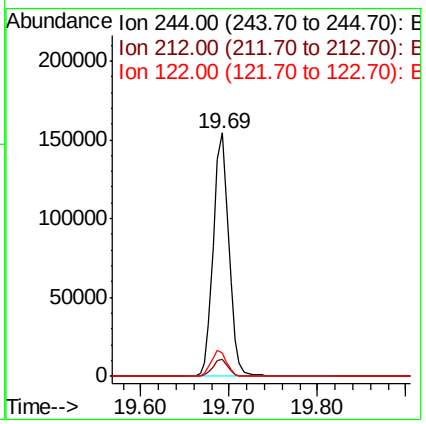


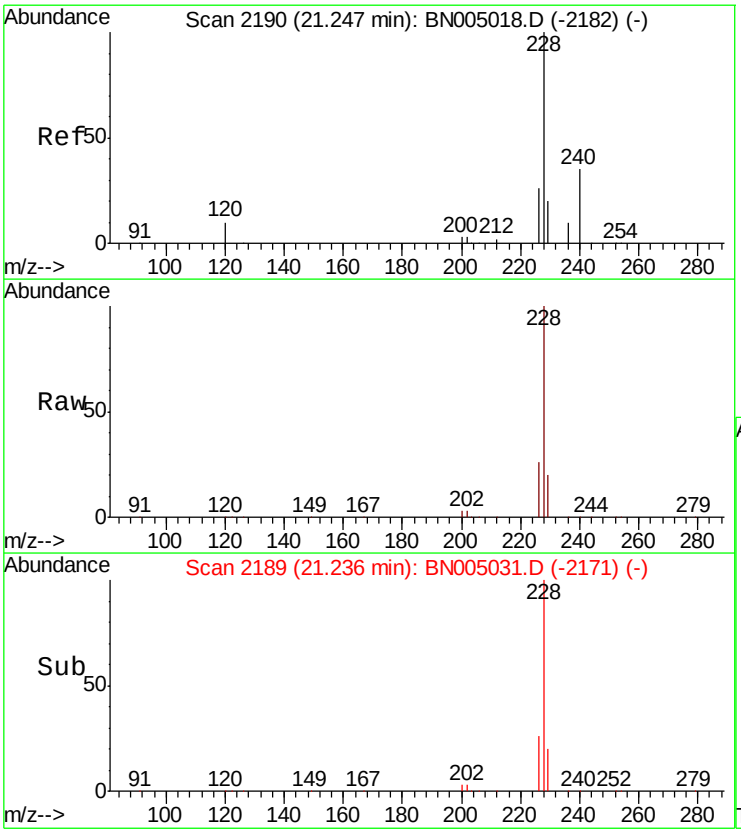
#29
Terphenyl-d14
Concen: 4.257 ng
RT: 19.69 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:244 Resp: 188160

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.9	8.9
122	9.6	9.0	13.4

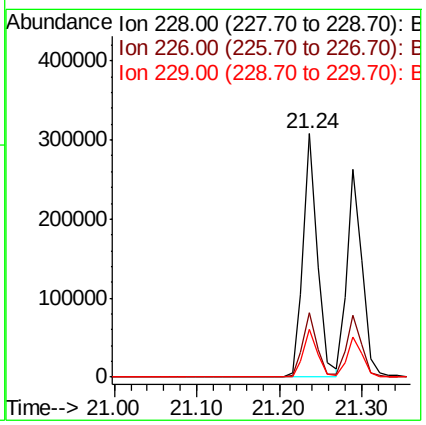


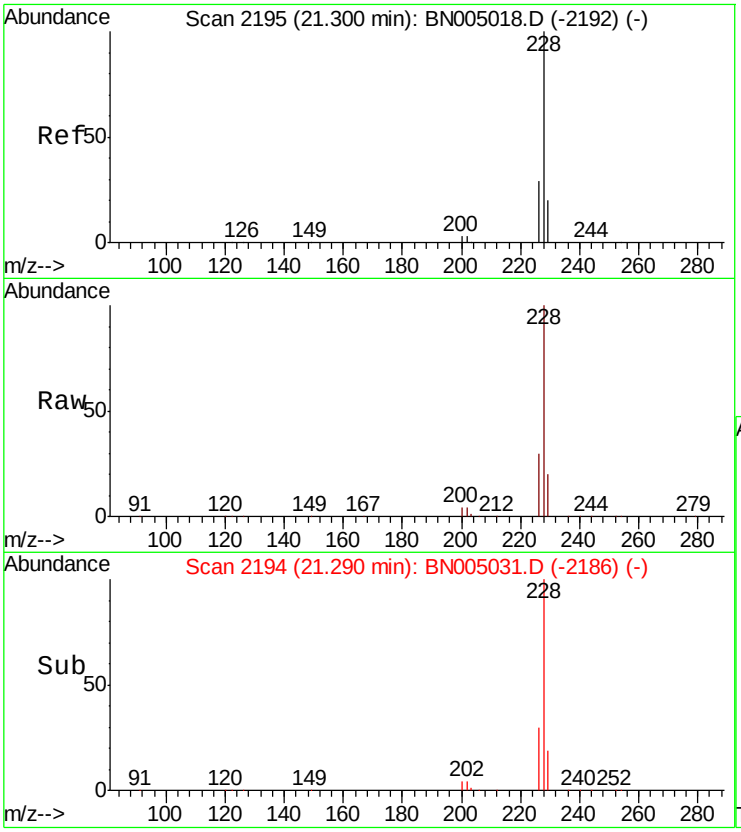


#30
Benzo(a)anthracene
Concen: 6.150 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.01 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Tgt Ion:228 Resp: 373002

Ion	Ratio	Lower	Upper
228	100		
226	26.5	20.9	31.3
229	19.5	16.2	24.2



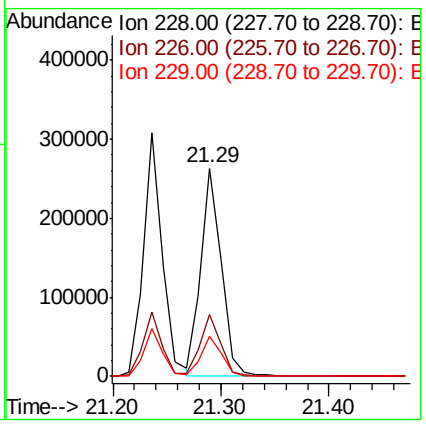


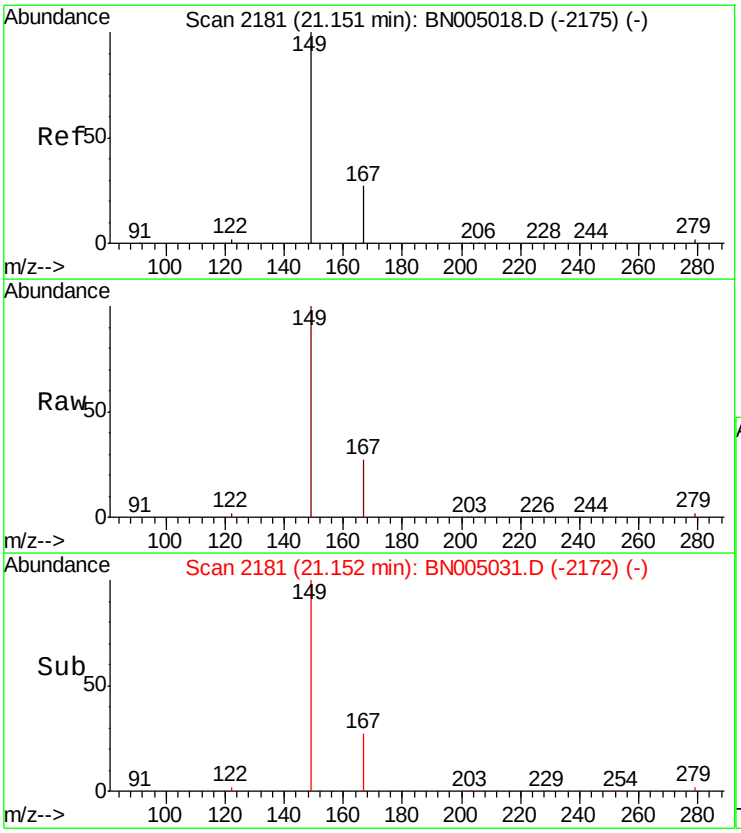
#31
Chrysene
Concen: 5.299 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:228 Resp: 346473

Ion	Ratio	Lower	Upper
228	100		
226	29.7	22.8	34.2
229	19.5	16.2	24.4

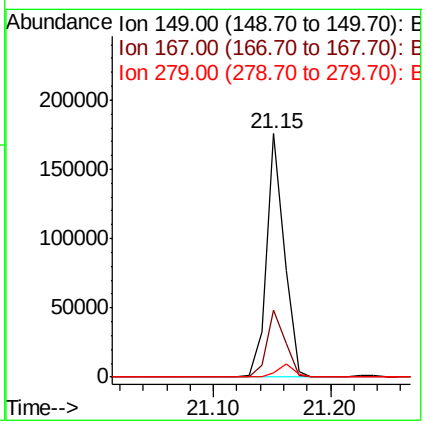


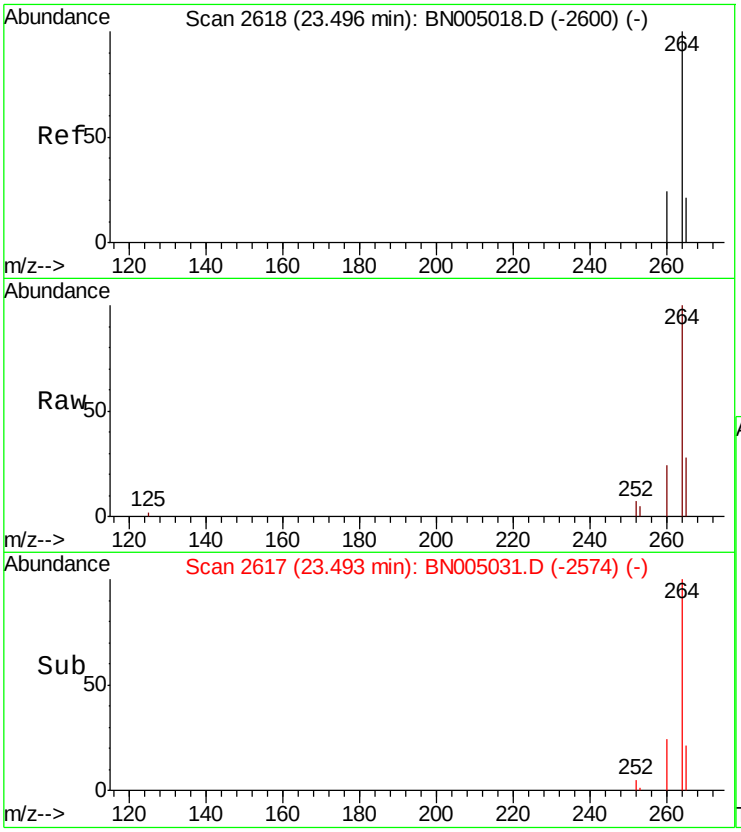


#32
Bis(2-ethylhexyl)phthalate
Concen: 7.288 ng
RT: 21.15 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Tgt Ion:149 Resp: 185108

Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.2	33.4
279	5.4	4.2	6.4



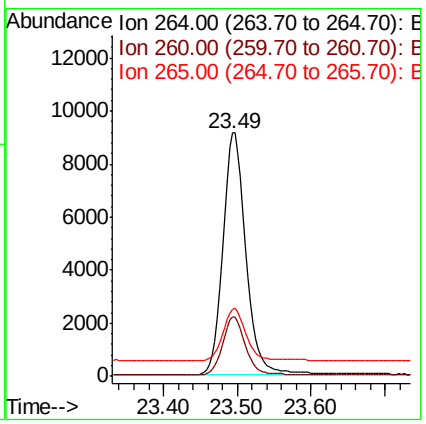


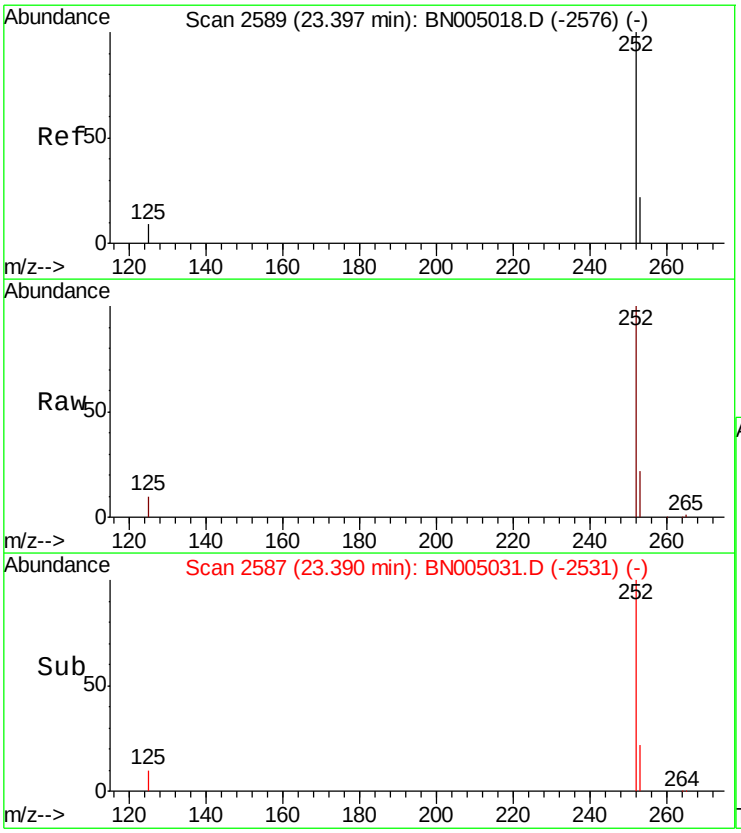
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2617
Delta R.T. -0.00 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:264 Resp: 19477

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.0
265	27.7	22.5	33.7

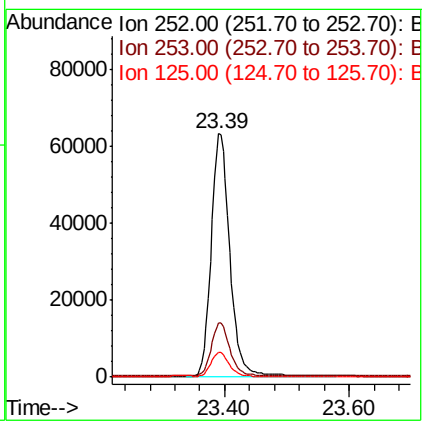


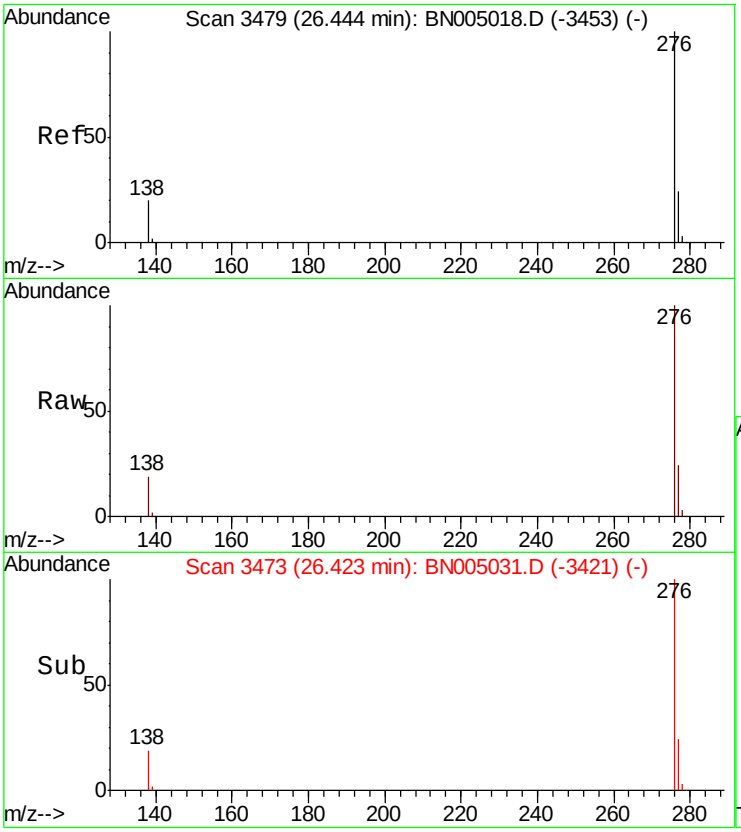


#37
Benzo(a)pyrene
Concen: 2.360 ng
RT: 23.39 min Scan# 2587
Delta R.T. -0.01 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Tgt Ion:252 Resp: 131013

Ion	Ratio	Lower	Upper
252	100		
253	22.3	20.2	30.2
125	10.3	9.2	13.8





#39
Benzo(g,h,i)perylene
Concen: 5.152 ng
RT: 26.42 min Scan# 3473
Delta R.T. -0.02 min
Lab File: BN005031.D
Acq: 29 Mar 2019 13:30

Instrument :
BNA_N
ClientSampleId :
PT-BN-WPDL

Tgt Ion:276 Resp: 288245

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.8	29.6
138	19.2	16.4	24.6